



USER MANUAL

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Check that the unit has not been damaged during transport



Read all cautions and warnings
prior to operation of this
equipment

Protection Against Fire



Fire

1. Maintain a minimum of 1 foot distance from any type of flame.
3. Replace fuse only with the specified type and rating.
4. Do Not install the unit too close to a heat source.
5. Make sure cables are properly secured away from unit movement.
6. Maximum surface operating temperature 104°.

Protection Against Fire



Electrical

1. Disconnect power before servicing.
2. For connection to main power supply proceed to page 5.
3. This unit must be earthed. (electronically grounded)
4. Do not expose unit to rain or moisture.

Protection Against Mechanical Hazards



Mechanical

1. Use safety chain when hanging unit.
2. Use quality clamps or bolts when positioning unit
3. Do not open unit risk of electrical shock.

Specifications

Part Numbers

Fixture	Lamp
1135- Robo Baby	L-8W RGBWLED

Mechanical Specifications

Pan:	540°	Tilt: 270°
DMX Connectors:	3-pin XLR connectors	
Power Connector:	Power Con type input	
Thermal:	Maximum ambient temperature 100° F Maximum surface temperature 130° F	
Fastening System:	1 Removable mount	

Fixture	Packaged for Shipping
Size: 6.65" x 6.25" x 10.15"	Size: 13.5" x 11.5" x 15"
Weight: 7 lb	Weight: 9.5lb



Electrical Specifications

Power supply:	Auto Switch 100V-240V 50/60 HZ		
Power consumption:	Amps	.74	
	Watts	59	
Ballast:	Electronic		
LAMP:	7X 8W RGBW LED's		

Parts List

1135-PS	Power Supply
1135-LEDMOD	LED Module
1135-LED	Single LED
1135-FAN	Fan
1135-MPCB	Main PCB/ Display Card
1135-FAN	Fan 60mm
1135-PSEN	Pan Sensor
1135-TSEN	Tilt Sensor

1135-BHEA	Head Bezel
1135-BBAS	Base Bazel
1135-BARM	Arm Bezel
1135-BFRO	Front Bezel

Main Power Connection

Caution!

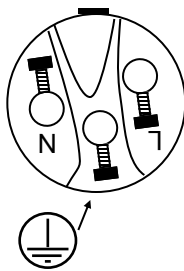
1. Do not connect fixture to a dimmer system.
2. This unit must be earthed. (electronically grounded)
3. Replace fuse only with the specified type and rating.

This device is equipped with a auto switching power supply that will allow you to work from 100V-240V 50/60Hz

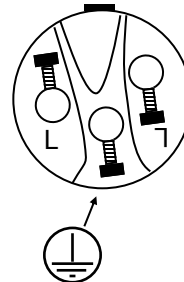
The occupation of the connection-cable is as follows:

Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	N
Green	Yellow/Green	Ground		

110V
Connec-



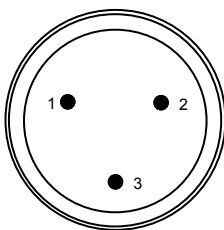
220V
Connec-



DMX-512 Connection

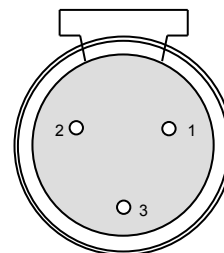
The fixture is equipped with 3 pin XLR Sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—input



1. Shield
2. Signal (-)
3. Signal (+)

DMX—output



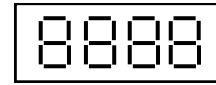
Caution!

At the last fixture the DMX signal needs to be terminated with a terminator. Solder a 120 Ohm resistor between the (-) and the (+) signal into a 3 pin or 5 pin XLR plug and plug it in to the last fixture on the signal run. Pre-manufactured terminator plugs are available for purchase from your Mega-Lite dealer (PDMXT).

Main Control

The control board on the fixture base is your interface to access and control all the functions on the unit. Its LED display gives you a code view of the options and functions. The following will explain each function and its options.

CONTROL BOARD



● ● ● ●
Mode Enter Up Down

DMX Address	DMX Mode	Red Dimmer	Green Dimmer	Blue Dimmer	White Dimmer	Strobe	Fade Scroll	Audio Prog	Pre Prog	Pan Reverse
Addr	CHnd	rL--	gL--	bL--	UL--	FLAS	FADE	CLAP	CLPP	PAN
1-512	6-Ch 12-Ch	0-255	0-255	0-255	0-255	00-15	00-15	00-10	00-10	r PAN
Tilt Reverse	Slave	Reset								
tL	SLAU	REST								
r til										

Addr DMX Address

Press **Enter** to select the DMX start channel use the **up/down** keys, display will be flashing once you have selected the desired start channel Press **Enter** to confirm display will stop flashing.

CHnd DMX Mode

This function allows you to select the mode in which you want to control the fixture. Press **Enter** use the **up/down** keys to select desired DMX mode settings. Press **Enter** to confirm the settings.

6CH	Pan, Tilt, Red, Green, Blue, White
12 CH	Pan, Pan Fine, Tilt, Tilt Fine, Dimmer, Red, Green, Blue, White, Shutter, Macro, Control

rL-- Red Dimmer

This function allows you to dim up or down the red LED's . Press Enter use the **up/down** keys to select desired dimmer settings. Press **Enter** to confirm the settings.

gL-- Green Dimmer

This function allows you to dim up or down the green LED's . Press Enter use the **up/down** keys to select desired dimmer settings. Press **Enter** to confirm the settings.

bL-- Blue Dimmer

This function allows you to dim up or down the blue LED's . Press **Enter** use the **up/down** keys to select desired dimmer settings. Press **Enter** to confirm the settings.

UL -- White Dimmer

This function allows you to dim up or down the white LED's . Press **Enter** use the **up/down** keys to select desired dimmer settings. Press **Enter** to confirm the settings.

FLAS Flash

This function allows you to strobe all the LED's. Press **Enter** use the **up/down** keys to select desired strobe speed settings from 0 to 15. Press **Enter** to confirm the settings.

FADE Fade Scroll

This function allows you to fade the LED's from one color to another. Press **Enter** use the **up/down** keys to select desired fade speed settings from 0 to 15. Press **Enter** to confirm the settings.

CLAP Audio Programs

This function allows you to activate the audio controlled pre programs. Press **Enter** use the **up/down** keys to select desired program settings from 0 to 10. Press **Enter** to confirm the settings.

CLPP Pre Programs

This function allows you to activate the pre programs. Press **Enter** use the **up/down** keys to select desired program settings from 0 to 10. Press **Enter** to confirm the settings.

PAN Pan Invert

This function allows you to invert the pan motor. Press **Enter** use the **up/down** keys to select desired program settings from rPAN or PAN. Press **Enter** to confirm the settings.

TIL Tilt Invert

This function allows you to invert the tilt motor. Press **Enter** use the **up/down** keys to select desired program settings from rTIL or TIL. Press **Enter** to confirm the settings.

SLAU Slave

This function allows the fixture to operate in slave mode were it will copy all the commands of the master fixture. Press **Enter** to confirm the settings. (note) fixture must be connected to master unit via DMX XLR cable.

RESET Reset

This function will reset the fixture to original operating position for all motors. Press **Enter** to confirm the settings.

Robo Baby 6 Ch Mode 1

DMX Channel	Function	Description	Value
1	Pan	Pan Course	0-255
2	Tilt	Tilt Course	0-255
3	LED Color	Red	0-255
4	LED Color	Green	0-255
5	LED Color	Blue	0-255
6	LED Color	White	0-255

Robo Baby 12 Ch Mode 2

DMX Channel	Function	Description	Value
1	Pan	Pan Course	0-255
2	Pan Fine	Pan Fine	0-255
3	Tilt	Tilt Course	0-255
4	Tilt Fine	Tilt fine	0-255
5	Dimmer	Dimmer off to full	0-255
6	LED Color	Red	0-255
7	LED Color	Green	0-255
8	LED Color	Blue	0-255
9	LED Color	White	0-255
10	Shutter	Closed	0-31
		Strobe (slow to fast)	32-95
		Pulse (slow to fast)	96-159
		Random Strobe (slow to fast)	160-223
		Open	224-255
11	Macro	No Function	0-5
		Color Chase (slow to fast)	6-125
		Color Fade (slow to fast)	126-255
12	Control	No Function	0-79
		All Motor Reset	80-99
		Demo Program 1	100-150
		Demo Program 2	151-200
		Demo Program 3	201-250
		No Function	251-255

Rigging the fixture

Caution!

1. The installations must be carried out by an authorized dealer or trained professional.
2. Unit may cause severe injuries if you have doubts concerning the safety do not install.
3. Unit is to be 24 inches away from flammable materials (decoration material)
4. Use high quality installation equipment to hang unit.

When rigging a unit it is very important that you follow common safety procedures. Rigging requires extensive experience including but not limited to calculating working loads, material being used and periodic safety inspections. If you lack these qualifications, do not attempt the installation yourself, instead use a professional structural rigger.

When rigging the unit always be secured with a secondary safety attachment. The installation location of the projector has got to be built in the way that it can hold 10 times the weight for 1 hour without any damage. Installation should be checked at least one time a year by a skilled person.

Cleaning and maintenance

Installation Maintenance: The operator has to make sure that the unit is operating safely and has the installations and electronics checked by an expert every 2 years.

The following points have to be considered during the inspection:

- 1) All screws used for installing the device or part of the device have to be tightly connected and must not be corroded.
- 2) There must not be any deformations on the housing, fixation and installation spots (ceiling, suspension, trussing).
- 3) Mechanically moved parts like axles and other must not show any traces of wearing and must not rotate with unbalances.
- 4) The electronic power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

Disconnect from mains before starting maintenance operation!



Caution Danger to life!

Electrical

We recommend a frequent cleaning of the device. Please use a moist, lint free cloth. Never use alcohol or solvents!

- 1) The objective lens will require periodic cleaning on usage and environment. Environment with foggers will require more periodic cleaning as fog fluid tends to build up residues, reducing the light output.
- 2) The cooling-fans should be cleaned monthly. DO NOT blow high pressure air into fans as incorrect rotation can damage the fans operation.
- 3) The lenses may be cleaned with soft brush using soapy water.
- 4) The interior of the fixture should be cleaned using a vacuum.
- 5) We recommend proper lubrication of the motor wheel. The quantity of the oil must not be excessive in order to avoid oil run outs when motor wheel rotates

Note: There is no serviceable parts inside the device except for the fuse. Maintenance and service operations are to be carried out by authorized dealers.

Replacing the fuse: Only replace the fuse with the same type and rating.

Replacing the power cable: If the power cable of this device becomes damaged, it has to be replaced by authorized dealers only

Should you have further questions , please contact your dealer.

Warranty Information

Warranty Conditions

- Unless otherwise stated in writing, your product is covered by a one year parts and labor limited warranty.
- LEDs are not guaranteed to match in color temperature or output.
- It is the owner's responsibility to furnish receipts or invoices for verification of purchase, date, and reseller or distributor. If purchase date cannot be provided, date of manufacture will be used to determine warranty period.
- Goods returned under warranty must follow the proper authorization procedure and must be accompanied by a copy of the original invoice
- Goods repaired under warranty will be returned to the owner with the freight prepaid by MSI via the most economical means of shipment
- Repair or replacement as provided for under this warranty is the exclusive remedy of the customer. Mega Systems makes no warranties, expressed or implied, with respect to any product. Mega Systems specifically disclaims any warranty of merchantability or fitness for a particular purpose. Mega Systems shall not be liable for any indirect, incidental or consequential damage, including lost profits, sustained or incurred in connection with any product or caused by product defects or the partial or total failure of any product regardless of the form or action., wheather in contract, tort (including negligence)
- Warranty is void if the product is misused, damaged, modified in any way, or for unauthorized repairs or parts. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



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